Christian Life Column.

Temperance Notes

What an ocean of trouble can come out of a gallon jug.

It is a mistaken idea that intoxicating liquors only harm the one who uses it.

Why should not a lady give her lov er his choice between herself, liquor and tobaccol

In one intoxicated moment one can commit a deed that brings him to the scoffold and endless ruin.

both time and treasure-two things most precious in the life of men.

Why should not a young man who is married to whiskey and tobacco get a divorce from it before marrying a wife?

One of the worst habits and fashions is treating on intoxicating drinks. A treat should be something that is worth remembering.

two gigantic evils, liquor and tobacco, which costs some families more than thus spent is worse than thrown away. -Jacob Faith, in Democrat and Jour

Have You a Boy to Spare?

The saloon must have boys, or it must shut up shop. Can't you furnish it one? It is a great factory, and un less it can get about 2,000,000 from each generation for raw material, some of these factories must closed out, and its operations must be thrown on a cold world, and the public revenue will dwindle. "Wanted-2,000,000 boys," is the notice. One family out of every five must contribute a boy to keep up the supply. Will you help? Which of your boys will it be? The Minotaur of Crete had to have a tri seme full of fair maidens each year; but the Minotaur of America demands a city full of boys each year Are you a father? Have you contrib uted a boy? If not, some other family has given more than its share. Are you not selfish, voting to keep the sabon open to grind up boys, and then do nothing to keep up the supply ?-Presby terian.

When the Heart is Heavy. heavy heart," writes Ruth Ashmore in thinking out the joys that have been given to you, and the sorrows from which you have been saved. It may be in helping others by sympathy, needed. But the heavy heart can al ways be made light if self is forgotten. and the needs of others are remembered, and, as far as possible, relieved. Not one of us can learn to become lighthearted in a day, or a week, or a up and give from them help unto those who are in need. It is a good fightthis one against allowing one's self to be submerged in personal griefs-it is come con querer if you will.

that which is right, and then your crowd out the common kinds and the heart will never be heavy nor your effects of their growth and transforconscience disturbed, unless you fall. mation is new and strange to us. The And when you fall, thank God, you butter no longer can be churned as can always rise again if you keep up a | when Bacterium lactis controls in the brave heart."

In looking at the stars through a great telescope, it is necessary first to put out every light until you are left in total darkness. Every light sets the air in motion, and disturbs the focus, and blurs the vision of the stars. How often our vision of God is blurred and dimmed by the flames of self-conscious ness and sordidness that floats around us! How many times we have to put out the light of self seeking, earthly ambition and false pride of position in

Blurred by Self Consciousness

have us do. -Rev. W. H. P. Faunce. Jesus as a Helper.

order to look upward, and in the clear

still air to know whither God's lights

are leading us, and what God will

This morning I was reading a passage that came sweetly to my heart: "For he knoweth our frame; He reweak-Jesus knows it all. I have my anxieties-He feels them all. I am very imperfect-He understands it all. You sit down by your friend and tell him your experience. You ask him: 'Did you ever feel so?" If he has you are satisfied to think that some oth r figured to a certainty; and the man person feels as you have felt. Go and wao doubts this may gain some valutell Jesus how you feel. He says: "I able information by making a few exhave felt the same." Blessed be God, periments on his own account. A there is not a sorrow of my heart but neighbor of mine has been doing this Jesus understands it. There is not an and the result is decidedly startling. a xiety, not a depression, but he helps This man has a dairy of about twenty hope that it will continue until the me to bear them.—Bishop Simpson.

THE DAIRY.



-EDITED BY-FRANK E. EMERY, M. S., Agriculturist North Carolina Agricultural Ex-periment Station, and Secretary-Treasurer North Carolina Dairymen's Association.

Inquiries regarding Dairying cheerfully answered.

By drinking and gambling we lose DAIRY TROUBLES IN MID-SUM-MER.

pected of giving bad milk on account | the same. of bad food, or they are supposed to be diseased. It works a change of pas- ing three hundred pounds of five per ture or feed for the innocents ofttimes, cent. milk when treated kindly. The Why is not more written about these | tinues and grows worse. Verily the | must have been at least five per cent. is a common belief that "the whey butter fat, forty per cent. would bring bread and taxes combined; the money eats up the cream" and no butter can the test down to three per cent. be made It is a serious loss when the milk refuses to sour properly, or it soon | cents per pound, my neighbor's three cream to rise. It is no less vexatious day for nothing.

Before we expose the "witches" in the cream we will tell you something briefly about botany-the trees, shrubs, annual plants and flowers which grow all about us. The study of these is called botany. When the large plants have been studied there are ferns and mosses which are very interesting, and below these there are plants which are so very small that the naked eye canof a country are called its flora and Congressional district. and likewise the plants which the botanist sees with the microscope are called the flora of the substance which he uses as a place to grow the plants under observation. These minute plants are found everywhere and in "There is always a remedy for a great numbers. A cut on your finger would heal by what is called "the fi st in the Ladies' Home Journal. "It may | intention" if some of these little plants be in work-it oftenest is. It may be did not get into the cut and grow. causing it to heal more slowly and with some appearance of pusor matter. Some of the families of these minute plants (they are more numer or in whatever way help is most ous than the families of large plants, and the individuals more nearly compare in numbers with the sands of the sea) are concerned with the decay of other plants. But we must leave them. There are families which have special places of habitation, and we know of month, or a year, for it is the lesson of the effects of their growth and depend life, this knowing how to lift our hearts on them for our regular operations. Among other things the dairy opera tions depand on these minute plants. The regular souring of milk is brought about by their growth. Now when the a good fight, and out of it you can condition of warmth and moisture around a dairy b come more favorable "Do you intend to give up the fight for the growth of some other families and fall by the wayside overcome by than for the ones we depend on, the a heavy heart, or to go along torough air and vessels become charged with life as a brave woman should? You so great numbers of these unusual must decide this early in your life. kinds, or kinds which may be often And you will, I feel sure, decide to do present in few numbers, that they

> flora of our dairy and milk. When some species are in control the milk takes on a different color, when others have the upper hand it does not sour, and so the changes go on-the "witches" are unseen plants performing their life functions more rapidly where favorable conditions are existing, and the way to combat them and to restore the reign of Blactis and our normal dairy operations is to keep the temperature and moisture of milk and milk vessels under control as nearly as possible. During the hottest often then there will be temporary

distu: bances. Just now, the first of August, the troughout eastern and middle North Carolina and in most cases must be membereth that we are dust." I am met by extra vigilance if regular operations are to be kept up.

> ----THE COST OF NOISE IN THE DAIRY.

Correspondence of the Progressive Farmer. The cost of noise in the dairy can be

by nature, his cows were accustomedto receive only the kindest treatment. A few years ago this neighbor bought a Babcock test for use in his own dairy.

let the dog in with them. The hired man thought his employer must be going daft, but he obeyed instructions. The two men took sticks in their hands and went into the yard with the cows Grass, Clover, Oats and Turnip Seed. and began to shout, the dog barked and pandemonium reigned for a few three horse. minutes, although not a blow was struck nor a cow bitten.

The falling off in yield was quite noticeable, but the test when applied showed a loss of 40 per cent. in butter When the hot muggy weather of fat on the basis of the week previou-! mid summer sets in the mischief seems | Think of that, ye men who yourselves to begin in the good housewife's dairy | shout, kick, thump and bang your operations. The poor cows are sus cows and permit the hired help to do

Suppose these cows gave at a milkbut to no purpose, for the trouble con- loss in weight placed at a low figure witches get into the milk vessels. It or fifteen pounds. While the loss in

What does this really mean? At 20 turns blue, or red after being set for hunred pounds of milk, testing five per cent., would have been worth to because it begins mysteriously, and him \$3. As a matter of fact, it brought the first intimation one gets of trouble him only \$1.74, a loss on one milking may be hours of churning in a warm of \$1.26. After such a result, who can wonder if this dairyman laid down enforcement?

E. L. VINCENT. Broome Co., N. Y. NOTICE.

A competitive examination for the Bingham Free Scholarship will be held in the city of Raleigh, in the Agricul tural Building, on Friday, the 12th day not see them. Then the botanist uses of August at 2 o'clock p. m. Studies a microscope of high power and is a to be examined on: English Grammar mycologist if he studies fungi, or a Spelling, Arithmetic, and History of bacteriologist when bacteria are his the United States. This examination special subjects of study. The plants is free to all young men in the Fourth

> W. F. STROUD, M. C., Pourth Congressional Dist.

RAISING SUNKEN WAR VESSELS.

Warships are rather costly and we are glad to see that our government is preparing to raise some of Cervera's unken vessels and hopes to repair and add them to our navy. Lieut. Hobson, of Merrimac fame, whose arrival in New York was noted in our last issue. is making arrangements for this work. In a letter to a Raleigh lady he says that "there are chances for raising the Teresa and Cristobol Colon, but the Oquendo and Viscaya are blown asun der." The following interview with Lieut Hobson throws some light upon the methods of raising sunken vessels,

and will perhaps interest our readers: "The defliculty of saving the Colon," said he, "hes in the complete submergence, upon her beam end, of a steamer of 7 000 tons. Only a short portion of her stem is clear of water, which fil s her whole interior. Her sea valves are open, and her sides are in a few places perforated by shells. The beach upon which she lies in exceedingly shelving, forming a part, in fact, of the mountain which there rises from the sea and towers aloft. In short, all the condi tions are present which render the righting and raising of the ship an en gineering feat of large proportions. At the same time it is simple and quite feasible. No new appliances are need ed, nothing has to be invented; it is simply a question of getting to the spot in time with the accepted means and

methods on a sufficient scale." As to the plan for raising the Colon,

Lieutenant Hobson said: "We will run the pontoons along side of the Colon, submerge them and after chains under the bottom of the ship have been fastened to the pontoons and tightened the pontoons will be pumped out. At the same time we will use air pumps in trying to force the water out of her air chambers and water tight compartments. If many of these compartments are found to be weather this cannot be done without from the outside and the inside will be the use of ice and the most painstaking sufficient to raise the Colon several care to scald and sundry vessels and feet. If they are not sufficient then airhags will be put in her hold and inflated by compressed air. Every time the ship is raised a few feet from the bottom she will be towed further in she will be high enough from the water to make all the necessary repairs. It is thought that her hull is not in a leaky condition, but that it was the opening of the sea valves by the Spaniards which sank the ship after they saw that it was impossible to get away. If that is found to be the case the Colon ma : r quickly towed to a dry dock in this country for permanent over-

hauling ' "I think it will be fully two weeks before the work of raising the Colon can begin. As to when it can be fin ished will depend largely on the No. 0. 31-2 inch...\$2 75) No. 1. 3 1-2 inch...\$2 00 emosthness of the water. Pontoons can not be worked in rough water Fortunately for us the weather has Champion been propitous thus far and it is our cows, mostly Jerserys. A quiet man Colon is high and safe on the beach."

ALLIANCE PRICE LIST.

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Make all Postoffice Money Orders One day he directed the hired man payable T. B. PARKER, S. B. A., to shut the cows in the yard, and to Raleigh, N. C., but address all letters to T. B. Barker, S. B. A., Hillsboro,

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Granulated5 37% Best Soft A	
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White Rose, 12 oz 100 cakes	2	80
Lonox, 12 oz 100 cakes	3	10
White Doz. 6 cz 200 cakes	3	00

Borax S	Spoon, 12 Spoon w	oz 10	0 cake	89	.3	75
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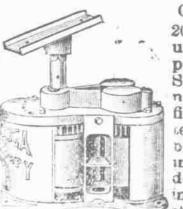
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